

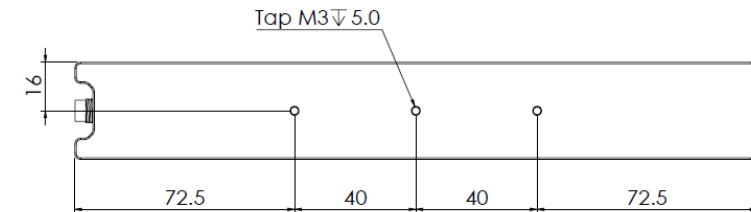
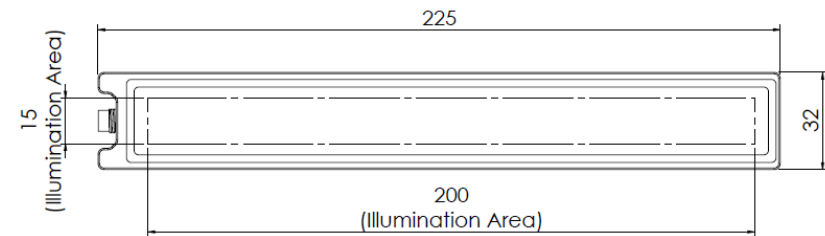
## Bar Light

# FLDL-i200x15-IP67

### Lighting Picture



### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	390g
Lighting Dimension, WxLxH	32.0 x 225.0 x 28.0 mm
IP Rating	IP67

Unit in mm




Optical Information			
Led Color	GREEN (G)	BLUE (B)	WHITE (W)
Wavelength	525nm	470nm	xy=0.31,0.32
Illumination (number of LED)	126	126	126
Illumination Area	200 x 15 mm		
Led Package	T1 3mm		
Eye Safety (EN 62471:2008)	Exempt Group		

Electrical Information	G/B/W
Lighting Supply Voltage (constant voltage mode)	24V ± 2%
Supply Ripple Voltage	≤ Vs ± 5%
Reverse Battery Protection	YES
Lighting Forward voltage, (for zero internal resistor value)	21.0 V
Continuous Current	0.36A (MAX)
Power Consumption	8.64 W
Lighting casing temperature, Operating after 60 minutes	44°C

Strobe Mode Specification	G/B/W
Max. Lighting Supply Voltage (Constant voltage power supply)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC
Pulse Current, (Max. 10msec) (Constant current power supply)	0.90A (MAX)
Max. Trigger Pulse Duration, msec	10 msec
Duty Cycle	0 - 10%

Ordering Option	
FLDL-i200x15-IP67-G/B/W	With resistor to limit the current (Use in both constant voltage/ current power supply)
FLDL-i200x15-IP67-G/B/W-0	Internal resistor value= zero ohms (only use in constant current power supply)



<b>Connection</b>		<b>G/B/W</b>		
Connector Type (Default):		Pico M8 (Male)		
Pin Configuration: Pico M8 (Male)		<b>Pin</b>	<b>Light Segment</b>	
		<b>Börsig /Binder P/N: 79-3382-52-04</b>		
		<b>Wire Color</b>		
		1	LED +	Brown
		2	N.C.	White
3	LED -	Blue		
4	N.C.	Black		
Cable Length out from lighting:		N/A		

<b>Additional Information</b>		<b>G/B/W</b>	
Additional Cooling Method		Attached to machine part for better heat dissipation	
Life span in continuous mode		20,000 hours	
Life span in strobe light mode Lighting drop to 50% intensity (at 25°C ambient temperature)		50,000 hours	
Intensity Controller Selection		PSA-Series, PSD-Series, LIC-Series	
CE Conformity		YES	
RoHS Compliance		YES	
ISO 9001:2008		SG11/03751	

<b>Application</b>	
Optimal Working Distance	0-100 mm



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